US 1 (BEL AIR ROAD) IS ASSUMED
TO RUN IN A NORTH/SOUTH DIRECTION

EXISTING SIGNS

17,18 — PROCEED ON FLASHING RED AFTER STOP

19,21 — ONLY

20,22

PROPOSED SIGNS

23, 24

R10-3(1) 9" x 15"

R10-3(1) 9" x 15"

EXISTING SIGNALS TO BE REMOVED

15A,16A — 12"

PROPOSED SIGNALS

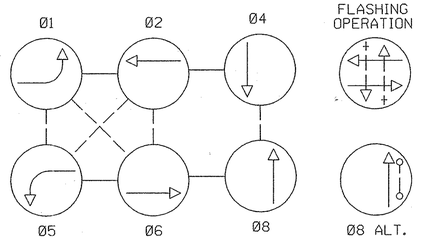
15,16 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD

EXISTING SIGNALS

1,2,5,6 — 12"

3,4,7,8,9-14 — 12"

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES

1. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
3. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
4. PUSHBUTTONS ARE TO BE LOCATED ADJACENT TO A LEVEL (<1:48) LANDING (32" x 54") ALONG THE PEDESTRIAN ACCESS ROUTE LEADING TO THE CROSSWALK.
5. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 43.09 AND FIG. 4E2 AND THE LATEST EDITION OF THE NCHRP PUBLICATION, 'ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE.'

SPECIAL NOTE:

THE TACTILE ARROWS FOR THE AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTONS SHALL BE LOCATED PARALLEL TO THE CROSSWALK FOR WHICH THEY APPLY.

CONSTRUCTION DETAILS

A. USE EXISTING STRAIN POLE. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL HEAD. A NEW 1/2 INCH HOLE SHALL BE DRILLED INTO THE STRAIN POLE FOR THE WIRING. DISCONNECT EXISTING PUSHBUTTON ELECTRICAL CABLE. REMOVE EXISTING PUSHBUTTON AND R10-4(1) SIGN. (CLEAN EXISTING DRILLED HOLE FOR WIRING WITH BRUSH AND SPRAY COLD GALVANIZING COMPOUND ON THE AFFECTED AREA) AND CONNECT ELECTRICAL CABLE TO NEW AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS BELAIR ROAD")
B. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
C. REMOVE EXISTING CONCRETE SIDEWALK AND INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. REPLACE 4 IN. CONCRETE SIDEWALK.
D. USE EXISTING BASE MOUNTED CONTROLLER AND CABINET. INSTALL AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON BASE UNIT. SHA FORCES SHALL REFTROFIT DETECTOR RACK.
E. USE EXISTING HANDHOLE.
F. USE EXISTING CONDUIT.
G. INSTALL SIDEWALK RAMP (STANDARD NO. MD 655.12) AND DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40) AND DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
H. REMOVE EXISTING DEPRESSED CURB AND SIDEWALK RAMP AND INSTALL 4 IN. CONCRETE SIDEWALK AND STANDARD TYPE A COMBINATION CURB AND GUTTER.
J. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
K. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE)
L. ABANDON EXISTING LOOP DETECTOR.
M. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE (CUT ABOVE R10-3(1) SIGN) WITH BREAKAWAY BASE (SEE MODIFIED PEDESTAL POLE FOUNDATION DETAIL ON SHEET 8) AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-3(1) SIGN. (SIGN TO READ "PUSHBUTTON TO CROSS BELAIR ROAD"). (INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE)..
N. REMOVE EXISTING PAVEMENT MARKINGS.

BY: jrasmussen

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APPROVALS

TEAM LEADER

ASST. DIV. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

(F) INSTALL APS PEDESTRIAN SIGNALS AND ADA RAMPS CONTRACT NO. AT782S185 BRD NML 01/7/2006

(E) CHANGE E/P LEFT TURNS TO EXCLUSIVE LEFT TURNS

(D) INSTALL LOOP DETECTOR FOR LINCOLN AVENUE 9/1994

PLOTTED: 11/8/2006
FILE: n:\31556-038\cadd\pSG-P001_us1full.dgn

TOD No: AT782-58
SHA No.: BA563A57/B57
US 1 @ Various Locations - APS

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

US 1 (Belair Road) And
Fullerton Plaza / Putty Hill Plaza

SIGNALIZATION PLAN

SCALE 1" = 20' DATE _____ CONTRACT NO. _____

DESIGNED BY _____ COUNTY BALTIMORE
DRAWN BY H. KILLIAN LOGMILE 03000106.91
CHECKED BY _____ TIMS NO. H330
FAP NO. _____ TOD NO. _____

TS NO. 1449F | DRAWING – OF | SHEET NO. 7 OF 10